Wb1500S

802.11b Wireless Short PC Card

The 802.11b Wireless Short PC Card is a card that lets you connect your notebook to a wireless local area network (LAN).
A wireless LAN is like a regular LAN, except that you can share information without looking for a place to plug in, and augment networks without installing or moving wires. Based on radio frequency (RF) technology, a wireless LAN transmits and receives data over the air, along with the guarantee to provide privacy and noninterference by the use of separate radio frequency.
The 802.11b Wireless Short PC Card allows you to take full advantage of your PC' s mobility with access to real-time information and online services anytime and anywhere. Plus, with the network installation simplicity and flexibility, you can eliminate the need to pull cable through walls and ceilings and allow the network to go where wires cannot go. Exploring WWW and augmenting networks can never be done more easily.

FEATURES

- Complies with IEEE802.11b standard for 2.4GHz Wireless LAN
- PCMCIA Type II compliant.
- PC Card hot swap supported and True Plug & Play.
- Interoperable with existing network infrastructure.
- Secure information transmission.
- Freedom to roam while staying connected.
- Compatible with specialty wireless products and services.
- Up to 11Mbps data rate.
- Support operating systems such as Window 95 OSR2/98/2000/ ME/XP/NT
- Lower power consumption.
- Easy of Installation.

SPECIFICATIONS

Standards	IEEE 802.11b
Host Interface	PC Card Type II slot
Physical	■ Weight: 32 g ■ Dimension: 85.6(L) x54 (W) x 5(H) mm
Antenna connector Type	Two MMCX connectors for external antenna
Power Requirement	Operating Voltage: 5V ■ TX consumption: 250mA (Max) ■ RX consumption: 180mA (Max)
Frequency Range	2.412GHz-2.4835GHz
Number of Selectable Channels	USA, Canada: 11 channels Japan, Europe: 14 channels
Modulation Technique	Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
Security	0/64/128 bit WEP
Spreading	11 chip Barker sequence
Bit Error rate	Better than 10^{-5}
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Supported OS	Windows 95 OSR2 Windows 98 Windows ME Windows 2000 Windows XP Windows NT
Environment specification	■ Operating Temperature: -10℃~55℃ ■ Storage Temperature: -20℃~70℃ ■ Humidity:0 to 90%, non-condensing
EMC Certification	FCC Part 15 in US EN300328 and EN300826 (EN301489-17) in Europe

Downloaded from www.Manualslib.com manuals search engine